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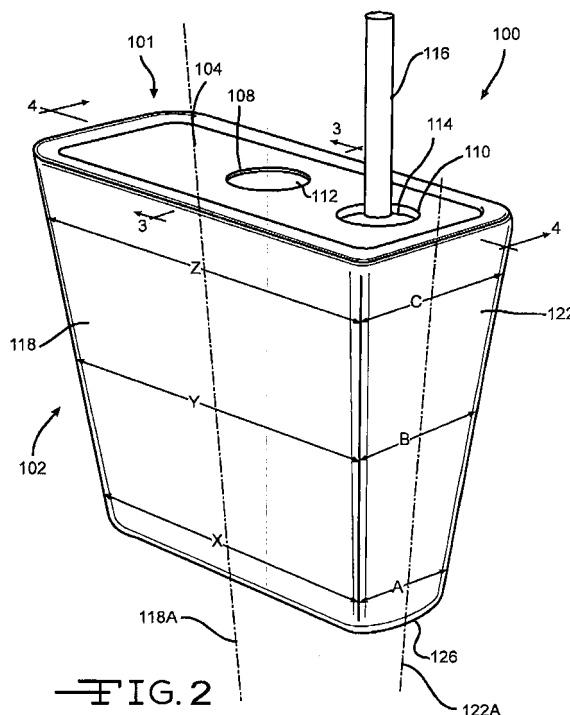
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(54) **Non-prismatic electrochemical cell**

(57) An electrochemical cell with a non-prismatic casing and solid cathode is the present invention. The casing has a front side wall, a back side wall, a right side wall, a left side wall, a top wall, and bottom wall. The non-prismatic function is obtained by having the right and left side walls having tapered widths - wide near the top wall and narrower near the bottom wall. A solid anode having a uniform height is positioned against the front side wall and/or the back side wall. A solid cathode is surrounded by a separator and has at least a tapered height to correspond to the tapered right and left side walls wherein the anode's front side is parallel with the front major side-wall and the anode's back side is parallel with the back major sidewall. This non-prismatic design decreases the formation of voids and maximizes the amount of cathode in non-prismatic casing designs to obtain the optimal electrochemical capabilities.



**FIG. 2**



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 01 3771

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US D 496 331 S1 (NAN SIMON SUI MAN [CA]) 21 September 2004 (2004-09-21) * the whole document *	1-29	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 November 2010	Examiner Cappadonia, Marcella
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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